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**1** Bit vector algorithms enabling high-speed and memory-efficient firew

 Lane Thamse, Randal Abier, David Keeling

March 2009 **ACM-SE '09: Proceedings of the 47th Annual Southeast Regio**

**Publisher:** ACM 

Full text available:  Pdf (186.17 KB)

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In a world of increasing Internet connectivity coupled with increasing co network applications implementing **blacklisting** technology are becomi ability to ...

**Keywords:** bit vectors, blacklisting, firewalls, packet classification, path

**2** Pallino: automation to support regression test selection for cots-base

 Jiang Zheng, Laurie Williams, Brian Robinson

November 2007 **ASE '07: Proceedings of the twenty-second IEEE/ACM inter engineering**

**Publisher:** ACM 

Full text available:  Pdf (233.61 KB)

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Software products are often built from commercial-off-the-shelf (COTS) components are made available for integration and testing, source code Various regression test selection ...

**Keywords:** COTS, commercial-off-the-shelf, regression testing, softwar

**3** Catching spam before it arrives: domain specific dynamic blacklists

Duncan Cook, Jacky Hartnett, Kevin Manderson, Joel Scanlan

January 2006 **ACSW Frontiers '06: Proceedings of the 2006 Australas research - Volume 54**, Volume 54

**Publisher:** Australian Computer Society, Inc.

Full text available:  Pdf (160.06 KB)

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**Bibliometrics:** Downloads (6 Weeks): 17, Downloads (12 Months): 219, Download

The arrival of any piece of unsolicited and unwanted email (spam) into :

real costs to organisations and possibly an increasing reluctance to use prevention techniques ...

#### 4 Information security governance framework

 Eiji Ohki, Yosuke Harada, Shuji Kawaguchi, Tetsuo Shiozaki, Tetsuya November 2009 **WISG '09**: Proceedings of the first ACM workshop on Infor  
**Publisher:** ACM

Full text available:  Pdf (423.21 KB)

Additional Information: [full citation](#), [abs!](#)

**Bibliometrics:** Downloads (6 Weeks): 80, Downloads (12 Months): 280, Downl

Many companies, especially Japanese companies, have implemented inf starting from implementing piece by piece security controls. As increase and spread its impact, ...

**Keywords:** formal audit model, formal governance model, governance & standards, risk management

#### 5 Effects of feedback and peer pressure on contributions to enterprise

 Michael J. Brzozowski, Thomas Sandholm, Tad Hogg May 2009 **GROUP '09**: Proceedings of the ACM 2009 international conference on Groupware  
**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (599.05 KB)

Additional Information: [full citation](#), [abs!](#)

**Bibliometrics:** Downloads (6 Weeks): 84, Downloads (12 Months): 382, Downl

Increasingly, large organizations are experimenting with internal social widespread distributed collaboration. Contributions to their counterparts by attention ...

**Keywords:** attention, blogs, contributions, feedback, social media

#### 6 Firmato: A novel firewall management toolkit

 Yair Bartal, Alain Mayer, Kobbi Nissim, Avishai Wool November 2004 **Transactions on Computer Systems (TOCS)**, Volume 22 Issue 4  
**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (917.80 KB)

Additional Information: [full citation](#), [abs!](#)

**Bibliometrics:** Downloads (6 Weeks): 20, Downloads (12 Months): 188, Downl

In recent years packet-filtering firewalls have seen some impressive tec transparency, performance, etc.) and wide-spread deployment. In contr <i>management</i> technology ...

**Keywords:** Security policy, firewall, management, model definition lan

#### 7 A policy management framework for content-based publish/subscribe

Alex Wun, Hans-Arno Jacobsen

November 2007 **Middleware '07**: Proceedings of the ACM/IFIP/USENIX 2007 conference on Middleware  
**Publisher:** Springer-Verlag New York, Inc.

Full text available:  Pdf (3.61 MB)

Additional Information: [full citation](#), [abs!](#)

**Bibliometrics:** Downloads (6 Weeks): 11, Downloads (12 Months): 75, Download

Content-based Publish/Subscribe (CPS) is a powerful paradigm providing services. Although the general CPS model is well-known, many features different application requirements. ...

**Keywords:** configurability, policy, publish/subscribe, security

**8 Trust management for IPsec**

 May 2002 **Transactions on Information and System Security (TISS)**

**Publisher:** ACM 

Full text available:  Pdf (321.98 KB)

Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): 22, Downloads (12 Months): 138, Download

IPsec is the standard suite of protocols for network-layer confidentiality. IPsec protocols, however, do not address the policies for how protected points. This article ...

**Keywords:** Credentials, IPsec, KeyNote, network security, policy, trust

**9 Netfilter 2: in the POM of your hands**

David A. Bandel

May 2002 **Linux Journal**, Volume 2002 Issue 97

**Publisher:** Specialized Systems Consultants, Inc.

Full text available:  Html (25.02 KB)

Additional Information: [full citation](#), [abstract](#), [pdf](#)

**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 6, Download

Now that you've got the basics, it's time for advanced iptables building.

**10 Putting it together a multi-dimensional approach to Internet security**

 Frederick M. Avolio

May 1998 **netWorker**, Volume 2 Issue 2

**Publisher:** ACM 

Full text available:  Pdf (367.36 KB)

Additional Information: [full citation](#), [reference](#)

**Bibliometrics:** Downloads (6 Weeks): 4, Downloads (12 Months): 48, Download

**11 Securing the global, remote, mobile user**

Walt Curtis, Lori Sinton

March 1999 **International Journal of Network Management**, Volume 9

**Publisher:** John Wiley & Sons, Inc.

Full text available:  Pdf (982.14 KB)

Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 6, Download

Electronic commerce is inevitable and will reshape our lives, but before be realized, it will be necessary to secure your enterprise against outside provide controls ...

**12**

**CIDR****David A. Bader**December 1998 **Linux Journal**, Volume 1998 Issue 56es**Publisher:** Specialized Systems Consultants, Inc.Full text available:  [Html](#) (16.85 KB)Additional Information: [full citation](#), [abs](#)**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 11, Download

A Prescription for Shortness of Address Space: This article explains the  
implement it on your network

**13 Deterring internal information systems misuse** **John D'Arcy, Anat Hoyay**October 2007 **Communications of the ACM**, Volume 50 Issue 10**Publisher:** ACM Full text available:  [Html](#) (26.62 KB),  [Pdf](#) (110.38 KB) Additional Information: [full citation](#)**Bibliometrics:** Downloads (6 Weeks): 37, Downloads (12 Months): 231, Download

Deterring employee intentions to misuse computer systems requires co-  
controls.

**14 Model driven provisioning: bridging the gap between declarative objec-  
tools****Kaouter El Maghraoui, Alok Meghranjani, Tamar Eilam, Michael Kalantari, A**  
November 2006 **Middleware '06: Proceedings of the ACM/IFIP/USENIX 2006****Publisher:** Springer-Verlag New York, Inc.Full text available:  [Pdf](#) (2.14 MB)Additional Information: [full citation](#), [abs](#)**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 34, Download

Today's enterprise data centers support thousands of mission-critical bu-  
distributed heterogeneous components. Application components exhibit  
multiple data center network, ...

**15 SCADA systems: vulnerabilities and remediation****John D. Fernandez, Andres E. Fernandez**April 2005 **Journal of Computing Sciences in Colleges**, Volume 20 Issue**Publisher:** Consortium for Computing Sciences in CollegesFull text available:  [Pdf](#) (161.25 KB)Additional Information: [full citation](#), [abs](#)**Bibliometrics:** Downloads (6 Weeks): 62, Downloads (12 Months): 324, Download

Supervisory Control and Data Acquisition, otherwise known as SCADA, i-  
controlling processes, and monitoring equipment from remote locations.  
open SCADA architecture through ...

**16 Personalizing shared ubiquitous devices** **David M. Hilbert, Jonathan Trevor**May 2004 **Interactions**, Volume 11 Issue 3**Publisher:** ACM Full text available:  [Html](#) (48.57 KB),  [Pdf](#) (4.04 MB) Additional Information: [full citation](#)**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 44, Download

**17** [Auditing elections](#) Douglas W. JonesOctober 2004 **Communications of the ACM**, Volume 47 Issue 10**Publisher:** ACM Full text available:  [Html](#) (27.62 KB),  [Pdf](#) (153.02 KB) Additional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): 6, Downloads (12 Months): 60, Download

Exploiting the redundancy in election records to conduct useful audits and

**18** [Network security in two-year colleges](#)

Russell Jones, Tamya Jean Stallings

May 2010 **Journal of Computing Sciences in Colleges**, Volume 25 Issue**Publisher:** Consortium for Computing Sciences in CollegesFull text available:  [Pdf](#) (46.77 KB) Additional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): 42, Downloads (12 Months): 42, Download

Network security has become a growing challenge in industry and education. As hackers, and identity theft, organizations are beginning to look at areas of technology structure. ...

**19** [eCommerce security](#) Bob Gehring, David StankardSeptember 2005 **InfoSecCD '05**: Proceedings of the 2nd annual conference on information security development**Publisher:** ACMFull text available:  [Pdf](#) (95.37 KB) Additional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): 50, Downloads (12 Months): 387, Download

Internet security has become a consistent and growing problem as new technologies are developed. The number of security violation related incidents continues to grow as simple as a single ...

**Keywords:** eCommerce, security, security awareness**20** [A multi-layered security architecture for modelling complex systems](#) Clive BlackwellMay 2008 **CSI IRW '08**: Proceedings of the 4th annual workshop on Cyber security research: developing strategies to meet the cyber security and**Publisher:** ACMFull text available:  [Pdf](#) (53.23 KB) Additional Information: [full citation](#), [abstract](#), [terms](#)**Bibliometrics:** Downloads (6 Weeks): 10, Downloads (12 Months): 243, Download

Existing practical architectural models have been proposed with a hierarchical security model. These models cannot reason about complex systems correctly and systematically and faithful analysis. ...

**Keywords:** complexity, critical infrastructure, electricity grid, security and

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